

HISTORIC PROPERTY INVENTORY FORM

IDENTIFICATION SECTION

Field Site No. 622-F OAHP No. _____ Date Recorded 15 Aug 1996
Site Name Historic Field Office Revised 01 June 1998
Common _____
Field Recorder Carmen Perez, D.W. Harvey, J.K. Keating
Owner's Name Department of Energy, Richland Operations Office
Address P.O. Box 550
City/State/Zip Code Richland, WA 99352

State of Washington, Department of Community Development
Office of Archaeology and Historic Preservation
111 21st Avenue Southwest, Post Office Box 48343
Olympia, Washington 98504-8343 (206)753-4011

Status

- ☒ Survey/Inventory
☐ National Register
☐ State Register
☐ Determined Eligible
☐ Determined Not Eligible
☐ Other (HABS, HAER, NHL)
☐ Local Designation

Photography

HCRL: _____
Photography Neg. No. Roll 248, Frames 21- 22
(Roll No. & Frame No.) Roll 336, Frame 17
View of _____ South, West, and East Facades
Date _____ September 1996, April 1998

Photo at right; Roll 336, Frame 17
View of southwest facade.

Classification ☐ District ☐ Site ☒ Building ☐ Structure ☐ Object
Distric Status ☒ NR ☐ SR ☐ LR ☐ INV
Contributing ☒ Non-Contributing ☐
District/Thematic Nomination Name Hanford Site Manhattan Project and Cold War Era Historic District

Description Section

Materials & Features/Structural Types

Building Type Industry
Plan Rectangular
Structural System Wood frame
No. of Stories One

Roof Type

☒ Gable ☐ Hip
☐ Flat ☐ Pyramidal
☐ Monitor ☐ Other (specify) _____
☐ Gambrel
☐ Shed

Cladding (exterior Wall Surfaces)

- ☐ Log
☐ Horizontal Wood Siding
Rustic/Drop ☐
Clapboard ☐
☐ Wood Shingle
☐ Board and Batten
☐ Vertical Board
☐ Asbestos/Asphalt
☐ Brick
☐ Stone
☐ Stucco
☐ Terra Cotta
☐ Concrete/Concrete Block
☒ Vinyl/Aluminum Siding
☐ Metal (specify) _____
☐ Other (specify) _____

Roof Material

☐ Wood Shingle
☐ Wood Shake
☐ Composition
☐ Slate
☐ Tar/Built-up
☐ Tile
☒ Metal (specify) Corrugated
☐ Other (specify) _____
☐ Not visible

Foundation

☐ Log ☐ Concrete
☐ Post & Pier ☐ Block
☐ Stone ☒ Poured
☐ Brick ☐ Other (specify) _____
☐ Not visible

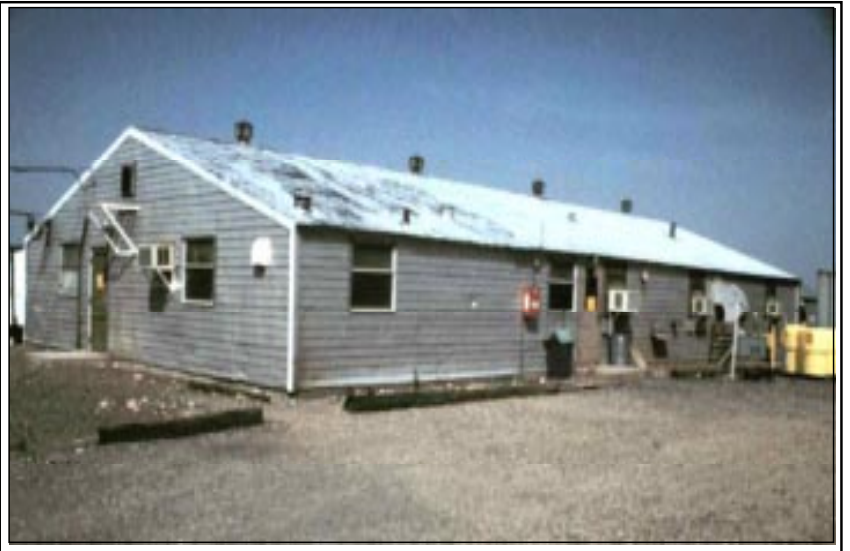
Integrity

(Include detailed description in
Description of Physical Appearance)

	Intact	Slight	Moderate	Extensive
Changes to plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to windows	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to original cladding	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Changes to interior	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

LOCATION SECTION

Address Building 622-F, 600 Area Meteorological Complex
City/Town/County/Zip Code Richland/Benton County/99352
Twp 13 N Range 26 E Section 31 I/4 Section SE 1/4 1/4 Sec SW, SE
Tax No./Parcel No. _____ Acreage _____
Quadrangle or map name Gable Butte, Washington Quad. - 7.5 min series 1986
UTM References Zone 11 Easting 300360 Northing 5159800
Plat/Block/Lot _____
Supplemental Map(s) WHC 39209028.9



High Styles/Forms (Check one or more of the following)

- | | |
|---|---|
| <input type="checkbox"/> Greek Revival | <input type="checkbox"/> Spanish Colonial Revival/Mediterranean |
| <input type="checkbox"/> Gothic Revival | <input type="checkbox"/> Tudor Revival |
| <input type="checkbox"/> Italianate | <input type="checkbox"/> Craftsman/Arts & Crafts |
| <input type="checkbox"/> Second Empire | <input type="checkbox"/> Bungalow |
| <input type="checkbox"/> Romanesque Revival | <input type="checkbox"/> Prairie Style |
| <input type="checkbox"/> Stick Style | <input type="checkbox"/> Art Deco/Art Moderne |
| <input type="checkbox"/> Queen Anne | <input type="checkbox"/> Rustic Style |
| <input type="checkbox"/> Shingle Style | <input type="checkbox"/> International Style |
| <input type="checkbox"/> Colonial Revival | <input type="checkbox"/> Northwest Style |
| <input type="checkbox"/> Beaux Arts/Neoclassical | <input type="checkbox"/> Commercial Vernacular |
| <input type="checkbox"/> Chicago/Commercial Style | <input type="checkbox"/> Residential Vernacular (see below) |
| <input type="checkbox"/> American Foursquare | <input checked="" type="checkbox"/> Other (specify) |
| <input type="checkbox"/> Mission Revival | <u>Industrial Vernacular</u> |

Vernacular House Types

- | | |
|---|--|
| <input type="checkbox"/> Gable Front | <input type="checkbox"/> Cross Gable |
| <input type="checkbox"/> Gable Front and Wing | <input type="checkbox"/> Pyramidal/Hipped |
| <input type="checkbox"/> Side Gable | <input type="checkbox"/> Other (specify) _____ |

NARRATIVE SECTION

Study Unit Themes (check one or more of the following)

- | | |
|--------------------------|-------------------------------------|
| <input type="checkbox"/> | Agriculture |
| <input type="checkbox"/> | Architecture/Landscape Architecture |
| <input type="checkbox"/> | Arts |
| <input type="checkbox"/> | Commerce |
| <input type="checkbox"/> | Communications |
| <input type="checkbox"/> | Community Planning/Development |

- | | |
|--------------------------|---------------------------------|
| <input type="checkbox"/> | Conservation |
| <input type="checkbox"/> | Education |
| <input type="checkbox"/> | Entertainment/Recreation |
| <input type="checkbox"/> | Ethnic Heritage (specify) _____ |
| <input type="checkbox"/> | Health/Medicine |
| <input type="checkbox"/> | Manufacturing/Industry |
| <input type="checkbox"/> | Military |

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Politics/Government/Law |
| <input type="checkbox"/> | Religion |
| <input type="checkbox"/> | Science & Engineering |
| <input type="checkbox"/> | Social Movements/Organizations |
| <input type="checkbox"/> | Transportation |
| <input checked="" type="checkbox"/> | Other (specify) Cold War Era |
| <input checked="" type="checkbox"/> | Study Unit Sub-Theme(s) Health Safety, Medical; Research & Development |

Statement of Significance

- Date of Construction 1951 Architect/Engineer/Builder Unknown
- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | In the opinion of the surveyor, this property appears to meet the criteria of the National Register of Historic Places. |
| <input checked="" type="checkbox"/> | In the opinion of the surveyor, this property is located in a potential historic district (National and/or local). |

The 622 Hanford Meteorology Station consists of several buildings and structures that support the complex's function to conduct air monitoring, atmospheric studies and evaluate atmospheric impacts on dispersion of airborne hazardous materials. Scientists and the builders of the Hanford Site established this comprehensive meteorological program to determine weather conditions that would allow for safe release of process gases (especially from the 221 Buildings). Eventually, the Hanford Meteorology Station started collecting data specified by the U.S. Weather Bureau (now the National Weather Service) which included all standard surface weather observations. Today, the Hanford Meteorology Station also compiles climatological data and provides forecasts to the Hanford Site staff and emergency response teams. It is now an U.S. government weather station.

Building 622-F consisted of a small laboratory and a shop, plus a staging area for field experiments by the Geosciences Research Engineering Department of the Pacific Northwest National Laboratory.

The 622 Complex played an important role in the pioneering concept of environmental monitoring and ensuring health and safety in the region through studies and use of atmospheric data. The 622-F Field Office provided necessary office, laboratory and storage space. It is therefore the conclusion of the U.S. Department of Energy that Building 622-F is eligible for inclusion in the National Register of Historic Places under Criterion A as a contributing property within the Hanford Site Manhattan Project and Cold War Era Historic District.

Description of Physical Appearance

The 622-F Building was converted from a army mess hall into the field office for the Hanford Meteorology Station. This wood frame building is situated on concrete footings, with aluminum siding and a corrugated metal roof. A smaller metal equipment shed is located on the southeast corner of the building. A storage building (622 C) is attached to this structure on the north side. The building contains four offices, a larger shop area, and a restroom. Doors are located at the east and south sides of the building. The building measures 80 feet by 40 feet.

The original swamp cooler on the west facade has been removed and the space was boarded up. Windows in the building have been slightly modified to accommodate air conditioning units. The interior is used primarily for shop usage and consists of file cabinets, shelves, shop tables, and shop machines. The interior also contains a concrete floor and metal ceiling beams.

Major Bibliographic References

Atomic Energy Commission. 1964. *Catalog of Hanford Buildings and Facilities, Miscellaneous*. GEH-26434. Richland, Washington.

Battelle Facilities Administration. n.d. *Facilities Catalog*. PNL-MA-587. Battelle, Pacific Northwest Laboratories. Richland, Washington.

Drawings: H-6-398, SK-6-170

U.S. Department of Energy, Richland Operations Office (DOE-RL). 1994. *Meteorological and Climatological Services*. RL-P94-022. Richland, Washington.